

Tuesday, July 26, 2016 3:40:53 PM

All amounts are calculated in domestic currency.

All Vendors	PO ID PO32974	Receipt Dates from 7/26/2016 to 7/26/2016	All Line Item Types
-------------	---------------	---	---------------------

All Item ID/GL/WOs	All Rec. Employees	All Currencies

Grouped by Vendor ID

[illegible]



O'Neal High-Performance
Metals Group



PACKING SLIP

ORDER NO.: 60610069

FROM: CRAN

PAGE 1

CUST NUMBER: 1203820 **NET WGT:** 9.621 REQ.DATE: 07/26/16 CONFIRMED
SOLD TO: SHIP TO:
DART AEROSPACE LTD DART AEROSPACE LTD
1270 ABERDEEN ST 1270 ABERDEEN ST
HAWKESBURY ON HAWKESBURY ON
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7

SALESPERSON: DONNA SMALLEY SHIP BY: 07/22/16
TERMS: NET 30 DAYS VIA: COMMON CARRIER
F.O.B.: SHIPPING POINT FREIGHT: PREPAID
CUST ORD NO.: PO32974 REPLACE RELEASE NO.:
RECEIVING PHONE:

LINE ITEM DESCRIPTION 3/4 X .035 WIDTH LENGTH
0001 33031 CDS 4130 6736 17/24 FT

CLN#	ORD QTY	INVOICE QTY	SHIPPED QTY	WT	PCS
	40.000 FT	36.000 FT	36.000 FT	9.621	2

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: 9A991.d Export License: NLR Expiration Date: 0/00/00
PO:49340778 HT:A154115 PC: 2 CUSTOMER QTY: 36.000 UOM FT
MLT:UNITED STATES MFG:UNITED STATES SLB/CL:134858

BROKERS KUEHNE AND NAGEL LTD
Caller: CHANTAL 613-632-9577

AREA		TYPE OF PKG	PKGS	GRS WEIGHT	WIDTH	LENGTH	HGHT
B		CARTON	1.000	15.000		18.5000	
			1.000	15.000			

BY: TW
RT 000-

UNLOAD TYPE: NONE SPECIFIED

8816-726

DATE SHIPPED _____

DATE FILLED _____

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE
OF THESE PRODUCTS ARE SET FORTH ON THE
REVERSE SIDE FOR YOUR CAREFUL REVIEW.



PACKING SLIP

ORDER NO.: 60610069

FROM: CRAN

PAGE 2

CUST NUMBER: 1203820 NET WGT:

9.621 REQ.DATE: 07/26/16 CONFIRMED

SOLD TO:

SHIP TO:

DART AEROSPACE LTD

DART AEROSPACE LTD

1270 ABERDEEN ST

1270 ABERDEEN ST

HAWKESBURY ON

HAWKESBURY ON

CANADA

CN K6A 1K7

ONTARIO CANADA

CN K6A 1K7

SALESPERSON:

DONNA SMALLEY

SHIP BY:

07/22/16

TERMS:

NET 30 DAYS

27 ENGLEHARD DRIVE

F.O.B.:

SHIPPING POINT

MONROE TWP

NJ 08831

CUST ORD NO.:

PO32974 REPLACE

VIA:

COMMON CARRIER

FREIGHT:

PREPAID

RELEASE NO.:

RECEIVING PHONE:

"TW Metals MSDS data is available on our web site at www.twmetals.com. MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

"CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

Authorized Test Report Clerk

Date: 7/22/16

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE PRODUCTS ARE SET FORTH ON THE REVERSE SIDE FOR YOUR CAREFUL REVIEW.



PLYMOUTH TUBE CO. USA

1209 East 12th Street, Streator, Illinois 61364

Phone: (815) 673-1515 Fax: (815) 672-7343

TRUST YOUR SOURCE! ACCEPT NO SUBSTITUTIONS!



PRODUCT CERTIFICATION

SALES ORDER - LINE / RLS

134858 - 1 / 0

SHIP TO

TW Metals
235 Tubeway Drive
Carol Stream, IL 60188
USA

WORK ORDER 021963

HEAT NUMBER A154115

MELT SOURCE Steel Dynamics - USA Melt/Mfg

ISO 9001, 14001

AND

TS 16949

CERTIFIED

CUSTOMER P.O.	CUSTOMER PART	QUANTITY	LADING NO	CERT ID / REV	CERT DATE																																										
M 49340778	33031																																														
<p>PART DESCRIPTION H07500350J000Z</p> <p>OD: 0.7500" Max: 0.7550" Min: 0.7450"</p> <p>ID: 0.6800" Max: 0.0000" Min: 0.0000"</p> <p>Wall: 0.0350" Max: 0.0390" Min: 0.0320"</p> <p>Lgth Type: Random Length: 17.00' / 24.00'</p> <p>Spec: MIL-T 6736B Seamless Aircraft</p> <p>Grade: 4130</p> <p>Finish: Cond N</p>																																															
<p>CERTIFICATION REQUIREMENTS</p> <p>FAR BAA (FAR 52.225-1 Buy America Act Supplies), DFARS 252.225-7001 By America Act & Bal. of Payments Program FAR TAA (FAR 52.225-5 Trade Agreements)(Paragraph 1,3,4,5)This material was Eddy Current tested and conforms to the requirements of ASTM A-450. The Grain size is determined and reported by the raw material supplier in accordance to ASTM E-112. This raw material was magnetic particle inspected by the raw material supplier in accordance to AMS 2640J and/or ASTM E-1444, and rated as Frequency, and Severity to AMS 2301, latest revision. Yield is determined by using the 0.2% offset method. Material certified to MIL-T 6736B, AMS-T 6736 B AND AMS 6360 M.</p>																																															
<p>Chemical Analysis</p> <table border="1"> <thead> <tr> <th>C</th> <th>Mn</th> <th>P</th> <th>S</th> <th>Si</th> <th>Al</th> <th>Cr</th> <th>Mo</th> <th>Ni</th> <th>Pb</th> <th>Cu</th> <th>V</th> <th>Ti</th> <th>Sn</th> </tr> </thead> <tbody> <tr> <td>.30</td> <td>.54</td> <td>.008</td> <td>.004</td> <td>.26</td> <td>.029</td> <td>1.06</td> <td>.23</td> <td>.13</td> <td>.000</td> <td>.13</td> <td>.005</td> <td>.001</td> <td>.008</td> </tr> </tbody> </table>						C	Mn	P	S	Si	Al	Cr	Mo	Ni	Pb	Cu	V	Ti	Sn	.30	.54	.008	.004	.26	.029	1.06	.23	.13	.000	.13	.005	.001	.008														
C	Mn	P	S	Si	Al	Cr	Mo	Ni	Pb	Cu	V	Ti	Sn																																		
.30	.54	.008	.004	.26	.029	1.06	.23	.13	.000	.13	.005	.001	.008																																		
<p>Physical Properties</p> <table border="1"> <thead> <tr> <th>Freq.</th> <th>Severity</th> <th>Grain Size</th> </tr> </thead> <tbody> <tr> <td>.000</td> <td>.000</td> <td>8'</td> </tr> </tbody> </table>						Freq.	Severity	Grain Size	.000	.000	8'																																				
Freq.	Severity	Grain Size																																													
.000	.000	8'																																													
<p>Mechanical Properties</p> <table border="1"> <thead> <tr> <th>TEST</th> <th>UNITS</th> <th>#TESTS</th> <th>HIGH</th> <th>LOW</th> <th>AVERAGE</th> <th>STD-DEV</th> </tr> </thead> <tbody> <tr> <td>Tensile</td> <td>Psi</td> <td>3</td> <td>123500</td> <td>123380</td> <td>123420</td> <td>69</td> </tr> <tr> <td>Yield</td> <td>Psi</td> <td>3</td> <td>117860</td> <td>117700</td> <td>117793</td> <td>83</td> </tr> <tr> <td>Elongation</td> <td>%</td> <td>3</td> <td>20</td> <td>19</td> <td>20</td> <td>1</td> </tr> <tr> <td>Rockwell B</td> <td>Rb</td> <td>3</td> <td>99</td> <td>99</td> <td>99</td> <td>0</td> </tr> <tr> <td>Rockwell C</td> <td>Rc</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						TEST	UNITS	#TESTS	HIGH	LOW	AVERAGE	STD-DEV	Tensile	Psi	3	123500	123380	123420	69	Yield	Psi	3	117860	117700	117793	83	Elongation	%	3	20	19	20	1	Rockwell B	Rb	3	99	99	99	0	Rockwell C	Rc					
TEST	UNITS	#TESTS	HIGH	LOW	AVERAGE	STD-DEV																																									
Tensile	Psi	3	123500	123380	123420	69																																									
Yield	Psi	3	117860	117700	117793	83																																									
Elongation	%	3	20	19	20	1																																									
Rockwell B	Rb	3	99	99	99	0																																									
Rockwell C	Rc																																														
<p>TEST RESULT</p> <p>Decarb/OD Pass</p> <p>Total ID/OD decarb Pass</p>																																															
<p>This test report data is for the heat Chemistry Stated above.</p>																																															

I certify that the results are a true and correct copy of the records prepared and maintained by Plymouth Tube Company, Streator in compliance with the requirements of the cited specification. Chemistry is as reported by the Steel supplier. This test report cannot be reproduced or distributed except in full without the written permission of Plymouth Tube.

Jamie Deross
Quality Assurance

MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO 32974/135250

MATERIAL M430NTO.750W.035
DATE 16/08/03

MATERIAL CERT REQD yes
QUANTITY RECEIVED 36'
QUANTITY INSPECTED 36'
QUANTITY REJECTED _____

THICKNESS ORDERED .750X.035W
THICKNESS RECEIVED .750X.035W
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

ENGINEERING SIGNOFF (if required)

QC 18 INSPECTION

INSPECTED BY DAS
14
9-09
DATE 16/08/03

SIGNED OFF BY _____
DATE _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO32974**

Purchase Order Date 7/11/2016

PO Print Date 7/25/2016

Page Number 3 of 3

Order From :

TW METALS
PO BOX 933014
ALTANTA, GA 31193-3014
US

VU-TWM001

Ship To :

DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 585 768 5600

Ship To Contact

Ship To Phone

Ship Via: YRC COLLECT

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency USD

FOB

FCA - (Free Carrier)

5	M4130NT0.750W.035	4130 RD TUBE .750 X .035W	7/19/2016	-48.00	\$4.00	(\$192.00)
---	-------------------	---------------------------	-----------	--------	--------	------------

Yes f

7/19/2016

received wrong size (.875) see NCR16-5929

Line Total: (\$192.00)

6	M4130NT0.750W.035	4130 RD TUBE .750 X .035W	7/27/2016	48.00	\$4.00	\$192.00
---	-------------------	---------------------------	-----------	-------	--------	----------

Yes f

7/27/2016

MATERIAL: AISI 4130N SEAMLESS STEEL TUBING
AS PER MIL-T-6736 OR AMS 6371/6360/6361
6362/6373/6374

replacement

Line Total: \$192.00

PO Total: \$412.00

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 2

Change Date: 7/25/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO32974**

Purchase Order Date 7/11/2016

PO Print Date 7/25/2016

Page Number 1 of 3

Order From :

VU-TWM001

TW METALS
PO BOX 933014
ALTANTA, GA 31193-3014
US

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 585 768 5600

Ship To Contact

Ship To Phone

Ship Via: YRC COLLECT

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency USD

FOB FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M304TR0.675W.091	304 RD Tube .675 x .091W	7/19/2016 Yes 7/19/2016		20.00 f	\$5.00	\$100.00
	MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING AS PER ASTM A213 OR AMSE SA213 OR ASTM A269						
	Line Total:						\$100.00
2	M4130NT0.750W.035	4130 RD TUBE .750 X .035W	7/19/2016 Yes 7/19/2016		48.00 f	\$4.00	\$192.00
	MATERIAL: AISI 4130N SEAMLESS STEEL TUBING AS PER MIL-T-6736 OR AMS 6371/6360/6361 6362/6373/6374						
	Line Total:						\$192.00

Note:

7/25/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO32974**

Purchase Order Date 7/11/2016

PO Print Date 7/25/2016

Page Number 2 of 3

Order From :

TW METALS
PO BOX 933014
ALTANTA, GA 31193-3014
US

VU-TWM001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 585 768 5600

Ship To Contact

Ship To Phone

Ship Via:

YRC COLLECT

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

FCA - (Free Carrier)

3	M6061T6T0.3125W.058	ALUM TUBE .3125 x .058w	7/19/2016	48.00	\$2.50	\$120.00
---	---------------------	-------------------------	-----------	-------	--------	----------

Yes
7/19/2016

MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING
AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR
AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR
ASTM B241

Chantal Lavoie

Line Total: \$120.00

4	71401-45	procurement quality clauses	7/19/2016	1.00	\$0.00	\$0.00
---	----------	-----------------------------	-----------	------	--------	--------

No

7/19/2016

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

Line Total: \$0.00

Note:

7/25/2016